

0~+5W Positive power tolerance | **20,97%** Maximum efficiency



JNL SOLAR, A HIGH-QUALITY MODULE THROUGH ITS HIGH PERFORMANCE CONSTRUCTION

Extensive experience in technology, constant innovation and sustainable optimisation form the basis for the performance of our high-quality modules. JNL Solar carries out all stages of construction at its production site, enabling us to guarantee our customers the highest quality in every step, from assembly to finishing.

Our modules are extremely versatile in their use. They offer suitable solutions for any installation and sustainable performance around the world..









Additional efficiency and easy maintenance thanks to the highly transparent self-cleaning glass.



Elegant design for perfect integration on the roof a completely black photovoltaic module from cell to frame.



Long-term safety and top performance guaranteed. 25 year performance guarantee and 25 year product guarantee.



High reliability through rigorous quality control. More than 30 internal tests (UV, HF, and many others). Our tests go beyond certification requirements.



PID resistance and hotspot protection verified and rigorously produced.



Ideal for private or commercial installations. High power reduces installation costs.



High conversion efficiency through high quality modules and advanced cell technology.



Front panel with anti-reflective coating.



Our panels are tested and certified to withstand extreme environmental conditions: wind loads (2400 Pa) and snow loads (5400 Pa).



MECANICAL DATA 1724 mm x 1134mm x 30mm (with frame) Monocrystal Silicon 182mm x 91mm-10BB Anodized Aluminium Alloy

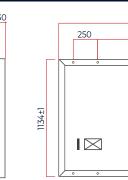
21,5 kg

3,2mm

4mm², 1100mm

MC4 Compatible

≤ 5400 Pa



1724

916

8

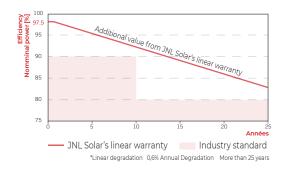
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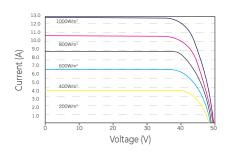
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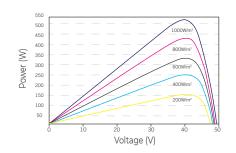
250

ELECTRICAL DATA								
POWERS CLASSES		390	395	400	405	410		
Peak Power	P _{max}	390	395	400	405	410		
Open Circuit Voltage	V _{oc}	36.53	36,73	36,93	37,13	37,33		
Max. Poxer Voltage	V_{mpp}	30,41	30,62	30,83	31,04	31,25		
Short Circuit Current	I _{sc}	13,62	13,69	13,76	13,83	13,90		
Max. Power Current Imp	I _{mp}	12,83	12,90	12,98	13,05	13,12		
Module Efficiency		19,95%	20,20%	20,46%	20,72%	20,97%		
Power Tolerance		0~+5W						
Max. System Voltage		DC 1500V (TUV) / 1000V (UL)						
Max. Series Fuse Rating		25A						

STC: Irradiance 1000W/m², 25°C, AM 1.5







TEMPERATURE RATINGS				
Temperature Coefficient of Isc	0.048%/°C	Operational Temperature	-40±85°C	
Temperature Coefficient of Voc	-0.27%/°C	NOCT (Nominal Operating Cell Temperature)	44±2°C	
Temperature Coefficient of Pmax	-0.35%/°C			

PACKAGING CONFIGURATION			
Container	40 HQ		
Quantity / pallet	36 pieces		
Pallets / Container	26 pieces		
Quantity / container	936 pieces		

AUTHORIZED DEALER					

CERTIFICATIONS



Dimensions

Weight Solar Cells Type

Glass

Frame

Cables

Connector

Wind/Snow Load

Junction Box









IEC 61215-1:2016 - IEC 61215-1-1:2016 - IEC 61215-2:2016 - IEC 61730-1:2016 - IEC 61730-2:2016 - EN 61215-1:2016 -EN 61215-1-1:2016 - EN 61215-2:2017 - EN IEC 61730-1:2018 - EN IEC 61730-1:2018/AC:2018-06 - EN IEC 61730-2:2018 - EN IEC 61730-2:2018/AC:2018-0

CAUTION: Read the instructions for safety installations before using the product JNLSolar (All rights reserved) © 2022. Specifications included in this data sheet are subject to change without notice.



